

Title (en)

METHOD FOR PRODUCING A STATOR WINDING OF AN ELECTRIC MACHINE, IN PARTICULAR AN ALTERNATOR

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER STÄNDERWICKLUNG EINER ELEKTRISCHEN MASCHINE, INSBESONDERE EINES WECHSELSTROMGENERATORS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ENROULEMENT STATORIQUE D'UNE MACHINE ÉLECTRIQUE, EN PARTICULIER D'UN GÉNÉRATEUR DE COURANT ALTERNATIF

Publication

EP 2436106 B1 20170719 (DE)

Application

EP 10720163 A 20100525

Priority

- EP 2010057144 W 20100525
- DE 102009024231 A 20090529

Abstract (en)

[origin: WO2010136445A1] The invention relates to a method for producing a stator winding (18) of an electric machine (10), in particular an alternator, the stator winding (18) comprising at least one phase winding (143, 144, 145, 146, 147) and the phase winding (143, 144, 145, 146, 147) having a plurality of coils (82), a plurality of coils (82) being wound in one direction (100), a given number of turns (94) being wound and the coil (82) having a plurality of coil sides (88), two coil sides (88) of the coil (82) transitioning integrally into coil connectors (97), characterized in that the turns (94) of a coil (82) are subsequently moved relative to each other in such a way that the coil sides (88) transitioning into coil connectors (97) are outermost coil sides (88) of a coil (82).

IPC 8 full level

H02K 15/04 (2006.01)

CPC (source: EP US)

H02K 3/12 (2013.01 - EP US); **H02K 3/28** (2013.01 - EP US); **H02K 15/045** (2013.01 - EP US); **Y10T 29/49009** (2015.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010136445 A1 20101202; CN 102460913 A 20120516; CN 102460913 B 20150722; DE 102009024231 A1 20101209; EP 2436106 A1 20120404; EP 2436106 B1 20170719; ES 2644052 T3 20171127; HU E034966 T2 20180828; JP 2012528558 A 20121112; JP 5474184 B2 20140416; MX 2011012715 A 20120228; US 2012119605 A1 20120517; US 9013085 B2 20150421

DOCDB simple family (application)

EP 2010057144 W 20100525; CN 201080033008 A 20100525; DE 102009024231 A 20090529; EP 10720163 A 20100525; ES 10720163 T 20100525; HU E10720163 A 20100525; JP 2012512341 A 20100525; MX 2011012715 A 20100525; US 201013384540 A 20100525